

Board Meeting
February 20-21, 2001

Agenda Item 2.2
Attachment 2 (Revised)

STATE OF CALIFORNIA

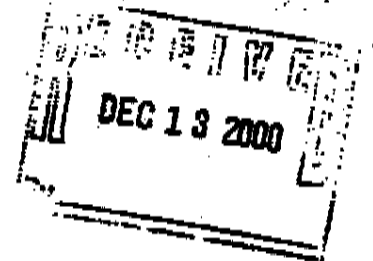
CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

To request a correction to or substitution for a previously approved base-year amount used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 255-2555 to be connected to your OLA representative.


Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

**General Instructions:**

Please select the ONE choice below that best explains your request to the Board, and complete the appropriate section. All respondents must complete Section I and either Section II A or II B, as noted.

- ☐ 1. Correct our existing Board-approved base-year generation (disposal or diversion) tonnage. (Please complete Section I and Section II A.)
- ☐ 2. Use a recent generation-based study to substitute for our existing Board-approved base-year generation amount but not officially change our existing Board-approved base year. (Please complete Section I and Section II B.)
- ☒ 3. Use a recent generation-based study to officially change our Board-approved existing base year to a new base year. (Please complete Section I and Section II B.)

<p>I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:</p>			
<p>Jurisdiction Name</p> <p>City of Martinez</p>		<p>County</p> <p>Contra Costa County</p>	
<p>Authorized Signature</p> 		<p>Title</p> <p>City Manager</p>	
<p>Type/Print Name of Person Signing</p> <p>Jim Jakes</p>	<p>Date</p> <p>12/11/00</p>	<p>Phone</p> <p>(925) 372-3505</p>	
<p>Person Completing This Form (please print or type)</p> <p>Nicole Forte</p>	<p>Title</p> <p>Solid Waste & Recycling Manager</p>	<p>Phone</p> <p>(925) 372-3531</p>	
<p>Mailing Address</p> <p>525 Henrietta Street</p>	<p>City</p> <p>Martinez</p>	<p>State</p> <p>CA</p>	<p>ZIP Code</p> <p>94553</p>
<p>E-mail address</p>			

B1. Current Board-approved base-year:

1990 (43,801)

B2. Proposed new generation-based study year:

1999 (75,855) 73,873 *as 2/15/01*

B3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

1999 represents an average disposal year for the City of Martinez since there were no major events (i.e. earthquakes or other disasters). In addition, this was an average population growth year. There were no major residential or commercial construction projects such as mall or housing development.

B4. Please select the ONE choice below that best explains your diversion data.

- ☒ All diversion tonnage claimed is from a 100 percent audit (full enumeration) of all available diversion programs.
☐ Some diversion data were estimated or extrapolated from representative sampling.

B5. In the table below, list the summarized diversion programs, and diversion data records that support your claim and are available for Board audit. Include type of record and location—for example, weight tickets from transfer station and identify which diversion data is extrapolated from representative sampling. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, please identify those programs/waste types and fill out section B14.

Note: The extrapolated tons should not include the actual tons.

Diversion Program Please use the Board's Program Types. The Program Glossary is online at <a href="http://www.ciwwwib.ca.gov/LGCentral/Pater-
Cordex.htm">www.ciwwwib.ca.gov/LGCentral/Pater- Cordex.htm	Actual Tons (A)	Estimated/ Extrapolated Tons (B)	Specific conversion factor used (if any) and source of conversion factor	Type of Rec Location o Record
Thrift Stores	0.00	1,277	25.7 tons/year (3 stores)	City
Garage Sale	0.00	182	25 tons per garage sale (250 garage sales/year)	City
X-mas tree	48	1,487	25 tons per garage sale (250 garage sales/year)	Business Disc
Curbside recycling	0.718	718	25 tons per garage sale (250 garage sales/year)	Waste Reports
Recycling centers	201	718	25 tons per garage sale (250 garage sales/year)	DOC
Green waste drop-off	0.00	718	25 tons per garage sale (250 garage sales/year)	
Curbside green waste	0.00	718	25 tons per garage sale (250 garage sales/year)	
Christmas Tree program	0.00	718	25 tons per garage sale (250 garage sales/year)	
Other				
Grasscycling at Rhodia	100		2 tons waste/acre (20 acres/40 week growing season)	Survey
Pellet Resins (Cortco)	287	154 0.00	25 tons per garage sale (250 garage sales/year)	Survey
Pellet Resins (Salway)	287	131 0.00	25 tons per garage sale (250 garage sales/year)	Survey
Pellet Resins (Nob Hills)	44		25 tons per garage sale (250 garage sales/year)	Survey
Grasscycling in City Parks	250		2 tons waste/acre (110 acres/40 week growing season)	Survey
Tree Trimming Mulch	342	0.00	25 tons per garage sale (250 garage sales/year)	Survey

Wood Chipping/Land application	28		Business estimate (Chip Kit)	Survey
On site tree trimming mulching	25	0.00	Public Works estimate	City
Backhaul	25	0.00		
Greenery backhaul	35	0.00	Feedings (other)	Survey
ADC @ Acme	1,888	n/a	Green waste & Inerts	DRS
ADC @ Keller	16	n/a	Green Waste	DRS
ADC @ Potrero Hills	4		Wood	DRS
ADC @ Alhambra	1,834		Sludge	DRS
ADC @ Vasco	1,122		Fish	DRS
Inerts	20	n/a	Chip-It	Weight Tickets
Inerts	18,289	n/a	Bobtail (8 tons), 10-yard (12 tons), Semi (20 tons)	County Quarry Records
Backhaul & commercial collection	2,651	n/a	General Services	City
Rendering (Safeway)	80	n/a	Grasscycling	Survey
Grasscycling	58,022			
Food Waste compost	337	n/a	Grocery stores	Survey
Yard Waste compost	1,470	n/a	Compost estimated by Landscapers	DCL Organics
Wood compost	11	n/a	Valley Waste Management	Survey
Subtotal Non-Residential	50,543	0.00		
Grand Total	33,290	9/3 2/15/01		

**Note: If disposal at each commercial waste audit was quantified for use in extrapolating total non-residential generation, then this disposal must be broken out by cubic yard, compactor, etc. If disposal was estimated, please include conversion factor(s) for disposal and source for conversion factor(s). Please provide an explanation as to how the conversion factor(s) is (are) appropriate for your jurisdiction, e.g. study was conducted to determine average weights using hauler weight tickets, etc. Please submit separate sheet, marked Attachment B5, with a detailed summary of non-residential sector surveyed. If using 80/20 split for businesses, on the summary please delineate the large from the small businesses, which were surveyed. Summary should include business, source reduction, recycling and composting, tonnage surveyed, diversion activity, e.g. paper recycling, container reuse, etc., and disposal (if disposal is used for extrapolation).*

B6. Specific Diversion Activities

Please complete this table for the top ten businesses (top ten based on total diversion tons).

Type of Business	Specific Diversion Activities (e.g. paper recycling, pallet reuse)	Number of Employees (if known)	Source Reduction Tons	Recycling Tons	Composting Tons	Specific Conversion Factors and Source
Concrete & Asphalt processor	Crushing	0	0.00	18,289	0.00	Bobtail (8 tons), 10-yard (12 tons), Semi (20 tons)
Landscaper	Yard waste compost	0	0.00	0.00	1,470	Business estimate
3 Grocery Stores	Pallet reuse, plastic backhaul, rendering, food compost	0	772	85	337	50 lbs. a pallet
Tree Service	Tree trimming mulch	0	342	0.00	0.00	Business estimate
Rhodia	Grasscycling	0	160	0.00	0.00	2 tons weeds/acre (20 acres/40 week growing season)
		0	0.00	0.00	0.00	
		0	0.00	0.00	0.00	
		0	0.00	0.00	0.00	
		0	0.00	0.00	0.00	
		0	0.00	0.00	0.00	

B7. On a separate sheet of paper, marked attachment B7, provide the following information for each diversion program that was extrapolated from representative sampling:

- Type of sampling
- Total sampling population
- Source for identifying population (e.g. city business licenses, commercial database, resident's addresses, etc.)
- Relation of sample to total population
- Survey tool and approach (on-site survey, phone survey)
- Confidence level and margin of error
- Outliers (samples which fall significantly above or below other samples; should be removed from base amount prior to extrapolation)
- Discuss the basis of extrapolation and sources of information, such as disposal or employment.

B8. Please select the ONE choice below that best explains your disposal data and complete the required tables.

- ☐ a. All tons claimed are from the Board's Disposal Reporting System. (No explanation required. Skip to B11.)
- ☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete B9 and then skip to B11.)
- ☒ c. Some Disposal Reporting System data were corrected. (Complete B9, B10 before moving to B11.)

B9. If you chose "b" or "c" in B8, list the disposal data records that support your claim and are available for Board audit in the table below. Include type of record and location; for example, weight tickets from transfer station.

Source of Disposal	Tons	Type of Record	Location of Data
Contra Costa County	2,838	Letter from County	Attached
Forward Inc. Landfill	1,014	Class II deduction	County, City, & CIWMB
Keller Canyon Landfill	4,924	Letter from landfill & Landfill reports	Attached

B10. If you chose "c" in B8, please provide the following information and attach it to this application. Label it as item B10.

- Amount of tonnage claimed as misallocated.
- Identification of the problem with DRS tonnage as reported by the county.
- Identification of the alleged jurisdiction of origin for the waste claimed to be misallocated.
- Identification of records or documentation to prove the misallocation.
- Identification of how the problem, solution and documentation meet the requirements in Agenda Item No. 32 (Board Meeting of March 25, 1997, Measurement Accuracy) for changes to report-year tonnage.
- A copy of the notification letter(s) sent to the alleged correct jurisdiction of origin, the pertinent landfill, transfer station, or transformation facility operator, and the pertinent county.
- Explanation of how the problem leading to the misallocation has been resolved, so the misallocation will not continue.

B11. Enter your diversion rates below.

Diversion rate calculated using original base year 1990	a.	Diversion rate calculated using new base year 1999	b.
	32% 20%		47% 45%

AB
2/15/01

AB
2/15/01

B12. If the proposed new base-year generation tonnage results in an increase in your 1999 (year) diversion rate, please explain how the new diversion rate is consistent with your current diversion implementation efforts.

Martinez has been participating in a county-wide effort to promote grasscycling, home composting, and yard waste reduction for residents and businesses for the past couple of years. The diversion numbers reflect these efforts.

Martinez has been involved with promoting C&D recycling through direct phone calls to construction company disposing mixed C&D at the landfill. Martinez assisted in the development of the *Contra Costa Recycling & Waste Reduction Guide 2000*, which was distributed through the *Contra Costa Times*. By having a recycling hotline, contractors can call directly for information. In addition, Martinez also distributes the *Contra Costa Builder's Guide to Reuse and Recycling* through direct mailings and at the Building Permit front desk.

A recycling survey and waste reduction information was mailed to over 500 businesses in Martinez in 1999. Businesses responded back requesting waste assessments and more information about recycling. The top 20 waste generators in Martinez were contacted directly to further expand their recycling efforts.

B13. If the difference between the proposed diversion rates in B11a and B11b is greater than 5 percentage points, please explain the reasons for the difference. (For example: new/improved diversion programs or previous data errors.)

Martinez has a history of inconsistent disposal numbers due to Special Waste from the refineries. Shell Oil now called Martinez Refinery Company (MRC) is located in the County but disposal reports the material as Martinez since that is the city they are located in. Since the MRC keeps accurate records, we have been able to allocate the disposal back to the county. This also is the case for self-haul. Recently, the scale operator at the transfer station has been asking for specific street addresses so we can determine if they are located in the County or in the City.

In addition, Martinez was given exemption status for Class II waste and this is reflected in the new rate.

B14. For each restricted waste type (i.e. agricultural waste, inert solids, scrap metals and white goods [PRC Section 41781.2]), please provide the following information:

a. If the diversion program started on or after January 1, 1990, please verify the program name and start-up date below.

Waste Type	Program name	Year started
Inert Solids	Concrete & Asphalt Crushing	1991
pull down for waste types		
pull down for waste types		
pull down for waste types		
pull down for waste types		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment B14, provide documentation showing:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion. [PRC Sec. 41781.2 (c) (1)]
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of the waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. Note: this criterion is specific to the entire jurisdiction, not to individual businesses. [PRC Sec. 41781.2 (c) (2)]
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in B14-b is not available, please complete the table below for each program claimed: (Note: Only the difference between the new base year and 1990 can be counted in the diversion rate calculation.)

Waste Type	Program name	1990 tonnage	Corrected base year tonnage	Difference
pull down for waste types		0.00	0.00	0.00
pull down for waste types		0.00	0.00	0.00
pull down for waste types		0.00	0.00	0.00
pull down for waste types		0.00	0.00	0.00
pull down for waste types		0.00	0.00	0.00
pull down for waste types		0.00	0.00	0.00

ATTACHMENT B10

**City of Martinez**

525 Hacienda Street, Martinez, CA 94553-2394

July 20, 2000

Diedre Dingman
Contra Costa County
651 Pine Street
Martinez, CA 94553

Dear Diedre,

Thank you for meeting with me to discuss Martinez Refining Company's (MRC) industrial waste disposed at Altamont. Since MRC is located both within the city limits and in the unincorporated portion of the County, it was necessary to review with you the past agreements and the 1999 tonnage numbers that MRC provided. Using this information, we have mutually agreed that the industrial waste generated at the facility for 1999 should be split 95% to Contra Costa County and 5% to the City of Martinez. This does not include waste sent to Vasco Road Landfill for 1999. Future years may vary depending on the information that becomes available.

In the annual reports to the State, the waste should be reported as follows:

	City of Martinez	Contra Costa County	Total
Altamont	149.26 tons	2,835.90 tons	2,985.16

I will also send this information to Eric Bissinger at the Integrated Waste Management Board for their records. If you have any questions, please call me at (925) 372-3531.

Sincerely,

Nicole Forte

Nicole Forte
Recycling Consultant
City of Martinez

ATTACHMENT B1C

**California Integrated Waste Management Board**

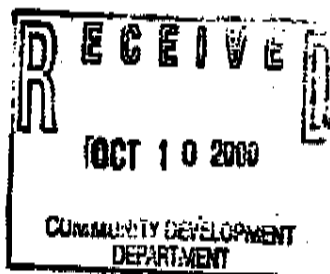
Linda Moulton-Patterson, Chair
8800 Cal Center Drive • Sacramento, California 95826 • (916) 255-2200
www.ciwmb.ca.gov



Winston H. Hickox
*Secretary for
Environmental
Protection*

Gray Davis
Governor

October 4, 2000



Nicole Forte
City of Martinez
525 Henrietta St
Martinez, CA 94553

Dear Ms. Forte:

The purpose of this letter is to address disposal corrections for Class II waste (non-hazardous designated waste) which was disposed at Forward, Inc. Landfill in 1999.

As you know the California Integrated Waste Management Board (Board) sent a letter on March 13, 2000, to jurisdictions clarifying the Board's policy on considering the impact of the disposal of this waste stream when evaluating a jurisdiction's compliance with the Integrated Waste Management Act. The Board developed a procedure for jurisdictions to petition for disposal corrections for non-hazardous designated waste, if certain criteria are met.

The normal procedure for requesting a deduction has been for jurisdictions to provide disposal information (tonnage by material type) to the Board with a petition request. However, to assist jurisdictions with their petition request for 1999, Board staff have contacted Forward, Inc. Landfill to obtain the necessary disposal information (tonnage by material type) for your Jurisdiction for the following non-hazardous designated waste material types, as applicable: contaminated soil, and non-friable asbestos (see attached report). These material types are deductible because, due to directives from the Regional Water Quality Control Board, Region 5, Forward, Inc. Landfill is not able to divert these material types for beneficial use. Based upon the information that has been provided by Forward, Inc. Landfill, Board staff has determined that the required criteria for a petition for disposal corrections for non-hazardous designated waste have been met.

Ms. Form
October 4, 2000
Page 2

Should you like to request that the Board deduct this material from your 1999 disposal tonnage, you will need to complete Section I and Subsections A.2, 3, 4 and 14 of Section II, of the attached Reporting Year Tonnage Modification Request and submit the request to the Board. The disposal tonnage correction will be handled during the review of your 1999 Annual Report.

Should you have any questions or concerns, please contact your Office of Local Assistance representative, at (916) 255-2555.

Sincerely,



Patrick Schiavo, Deputy Director
Diversion, Planning, & Local Assistance Division

Attachments

ATTACHMENT B1

WASTE TONNAGE (Non-Friable Asbestos and Contaminated Soil) BY JURISDICTION DISPOSED AT FORWARD INC
(All Data for 1999, Reported in Tons)

County or Regional Agency	Jurisdiction	Sum of non-friable Asbestos	Sum of Contaminated Soil	Total (non-friable Asbestos and Contaminated Soil)
ALAMEDA	ALAMEDA	0.00	11,208.00	11,208.
ALAMEDA	BERKELEY	0.00	1,081.78	1,081.
ALAMEDA	EMERYVILLE	0.00	8,839.63	8,839.
ALAMEDA	FREMONT	6.82	3,200.90	3,207.
ALAMEDA	HAYWARD	0.00	14,897.36	14,897.
ALAMEDA	LIVERMORE	7.91	716.54	723.
ALAMEDA	NEWARK	32.13	7,389.28	7,421.
ALAMEDA	OAKLAND	274.62	16,196.35	16,470.
ALAMEDA	PLEASANTON	0.00	18.01	18.
ALAMEDA	SAN LEANDRO	855.33	1,440.67	2,096.
ALAMEDA	UNION CITY	0.00	550.14	550.
ALAMEDA-UNI Total	ALAMEDA-UNI Total	0.00	82.00	82.
ALPINE-UNI Total	ALPINE-UNI Total	0.00	736.82	736.
AMADOR RA Total	AMADOR RA Total	0.00	36.77	36.
BUTTE	CHICO	0.00	1,284.44	1,284.
BUTTE	PARADISE	0.00	430.00	430.
CONTRA COSTA	ANTIOCH	19.71	316.96	336.
CONTRA COSTA	BRENTWOOD	0.00	21,312.02	21,312.
CONTRA COSTA	CONCORD	0.00	1,560.12	1,560.
CONTRA COSTA	DANVILLE	0.00	18.99	18.
CONTRA COSTA	LAFAYETTE	0.00	834.00	834.
CONTRA COSTA	MARTINEZ	0.00	1,013.69	1,013.
CONTRA COSTA	PITTSBURG	11.32	0.00	11.
CONTRA COSTA	PLEASANT HILL	0.00	3.31	3.
CONTRA COSTA	WALNUT CREEK	0.00	176.72	176.
CONTRA COSTA-UNI Total	CONTRA COSTA-UNI Total	0.39	1,704.81	1,705.
EL DORADO	PLACERVILLE	0.00	1.58	1.
EL DORADO	SO. LAKE TAHOE	0.00	148.31	148.
EL DORADO-UNI Total	EL DORADO-UNI Total	0.00	12.19	12.
FRESNO	CLOVIS	0.00	28.74	28.
FRESNO	FRESNO	302.37	201.25	503.
HUMBOLDT	ARCATA	0.00	1,732.10	1,732.
HUMBOLDT	FORTUNA	0.00	2,790.46	2,790.
HUMBOLDT-UNI Total	HUMBOLDT-UNI Total	0.44	210.67	211.
KERN	BAKERSFIELD	0.00	320.65	320.
KERN	CALIFORNIA CITY	0.00	17.00	17.
KINGS RA Total	KINGS RA Total	0.00	67.39	67.
LASSEN	SUBANVILLE	0.00	27.69	27.
MARIN RA Total	MARIN RA Total	40.08	9,636.33	9,676.
MENDOCINO	FORT BRAG	0.00	2.23	2.
MENDOCINO	UKIAH	0.00	384.00	384.
MENDOCINO	WILLITS	0.00	1,210.84	1,210.
MENDOCINO-UNI Total	MENDOCINO-UNI Total	0.00	1,194.00	1,194.

ATTACHMENT B11



December 6, 2000

Ms. Nicole Forte
City of Martinez
625 Henrietta Street
Martinez, CA 94553-2394

Re: City of Martinez Class II Disposal - Keller Canyon Landfill

Dear Nicole,

I am writing in response to your November 22, 2000 letter in which you asked for help identifying Class II disposal at Keller Canyon Landfill during 1999 for waste originating from the City of Martinez. The following numeric waste codes would be characterized as Class II waste. They are as follows: 221820, 225295, 229804, 222778A and 2838. These can be found on the quarterly reports that Linda Moulton, Contra Costa County Community Development Department, generates.

If you have any questions I can be reached at (925) 458-9500.

Sincerely,

A handwritten signature in dark ink, appearing to be "Norm Christensen", is written over a light-colored background.

Norm Christensen
General Manager



901 Bailey Road / Pittsburg, CA 94565 / 925.458.9800 / Fax 925.458.9891

2000 Print-Compass

ATTACHMENT B10

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999

Quarter: 1

Jurisdiction of Origin		Waste Code	Waste Type	Tons
Month	Company			Landfilled
<u>Contra Costa County</u>				
Martinez				
1	Pleasant Hill Bayshore	CND	RES. CONST & DEMO	16.23
	RHODIA	221820	AMON. RESUL-FERT (I)	60.29 ✓
		225296	IRON HYDROXIDE (I)	14.85 ✓
	SIMSMETAL AMERICA	229004	ABSORBENT MATERIAL (I)	9.58 ✓
	TOWN & COUNTRY CONTRACTORS	CND	CONSTRUCTION & DEMO	10.52
Monthly Total:				111.47
2	Pleasant Hill Bayshore Disposal	CND	RES. CONST & DEMO	25.26
	RHODIA	225296	IRON HYDROXIDE	48.81 ✓
		205565	POND SLUDGE	53.17 N/D
Monthly Total:				127.24
3	CATELLUS DEVELOPMENT CORP.	CND	CONSTRUCTION & DEMO	17.37
	RHODIA	225296	IRON HYDROXIDE	24.57 ✓
		205565	POND SLUDGE	149.29 N/D
Monthly Total:				191.23
Martinez Total:				429.94
Contra Costa County Total:				429.94
GRAND TOTAL:				429.94

- Subtract

158.1
~~266.84~~ demo II
 69.38 fresh

ATTACHMENT B10

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999 Quarter: 2

Jurisdiction of Origin Month Company	Waste Code	Waste Type	Tons Landfilled	ADC Type	Tons ADC
CONTRA COSTA COUNTY					
MARTINEZ					
4 FERRABEE G., COMPANY	CND	CONS. DEMO	33.01		0.00
DECON ENVIRONMENTAL	1972	SOIL BORINGS (I)	2.77 ¹⁰		0.00
HEM BROTHERS	CND	CONSTRUCTION & DEMO	4.48		0.00
PENA HAULING	CND	CONSTRUCTION DEMO.	2.76		0.00
PLEASANT HILL BAYSHORE DISP.	CLE			CLEAN DIRT	2.88
RHODIA	CND	CONSTRUCTION DEMOL.	31.88		0.00
	225236	IRON HYDROXIDE	27.11 ¹⁰ ✓		0.00
	205595	POND SLUDGE	4.81 ¹⁰		0.00
	235567A	POND SOLIDS	21.85 ¹⁰		0.00
Monthly Total:			128.67		2.88
6 CALIFORNIA LONG REACH					
CARONE & SONS	CND	CONSTRUCTION & DEMO	12.88	CLEAN DIRT	78.24
FERRABEE G., COMPANY	CND	CONS. DEMO	54.45		0.00
PACIFIC WEST EXCAVATION	CLE			CLEAN DIRT	68.80
PENA HAULING	CND	CONSTRUCTION DEMO.	18.48		0.00
PLEASANT HILL BAYSHORE DISP.	RES	RES. CONS. & DEMO.	40.03		0.00
	CND	RES. CONST & DEMO	8.00		0.00
	225236	IRON HYDROXIDE	28.00 ✓		0.00
Monthly Total:			181.80		147.04
8 DELTA SCRAP & SALVAGE					
EXCEL ROOFING SERVICE	CND	CONSTRUCTION DEMO	9.51		0.00
PENA HAULING	CND	CONSTRUCTION & DEMO	20.30		0.00
PLEASANT HILL BAYSHORE DISP.	CND	CONSTRUCTION DEMO.	11.82		0.00
	RES	CONSTRUCTION DEMO.	34.57		0.00

01-Oct-00

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999 Quarter: 2

Jurisdiction of Origin		Waste Code	Waste Type	Total Landfilled	ADC Type	Tons ADC
Month	Company					
Monthly Total:				70.08		0.00
MARTINEZ Total:				388.37		180.40

~~278.03~~ 278.03 book

01-Oct-98

ATTACHMENT B10

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999

Quarter: 3

Jurisdiction of Origin Month Company	Waste Code	Waste Type	Tons Landfilled	ADC Type	Tons ADC
CONTRA COSTA COUNTY					
MARTINEZ					
7 C.A. COLA GENERAL ENG.	CND	CONSTRUCTION DEMO.	107.37		
CARONE & SONS	CND	CONSTRUCTION DEMO.	10.01		
CASCADE ROOF REMOVAL	CND	CONSTRUCTION DEMO.	4.06		
DYNASTY ROOFING	CND	CONSTRUCTION DEMO.	5.02		
EXCEL ROOFING SERVICE	CND	CONSTRUCTION DEMO.	1.16		
GEOCON ENVIRONMENTAL	2818	DRILL CUTTINGS	3.00	PA	
IT CORP	CND	CONSTRUCTION DEMO.	42.02		
PENA HAULING	CND	CONSTRUCTION DEMO.	5.46		
PHILIP SERVICES	CND	CONSTRUCTION DEMO.	1.84		
PLEASANT HILL BAYSHORE	RES	CONSTRUCTION DEMO.	28.01		
RHODIA	1459A	SULFUR PIPES	1.57	NO	
Monthly Total:			288.84		
BAY CITIES PAVING & GRADING	CND	CONSTRUCTION & DEMO	32.29		
C.A. COLA GENERAL ENG.	CND	CONSTRUCTION DEMO	283.88		
CARONE & SONS	CON2	CONCRETE			16.44
CASCADE ROOF REMOVAL	CND	CONSTRUCTION & DEMO	0.39		
CENTRAL CONTRA COSTA SANTARY	CND	CONSTR & DEMO	18.02	VA	
MT. VIEW SANTARY DISTRICT	73411	GRT	5.13		
PENA HAULING	228793	GRIT/SCREENINGS	1.37	County	
PLEASANT HILL BAYSHORE	CND	CONSTRUCTION DEMO.	5.48		
REGE TRUCKING	RES	RES. CONG. & DEMO.	88.13		
	CND	CONSTRUCTION DEMO	7.14		
Monthly Total:			419.40		18.44

30-Nov-99

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999 Quarter: 3

Jurisdiction of Origin Month Company	Waste Code	Waste Type	Tons Landfilled	ADC Type	Tons ADC
9 CASCADE ROOF REMOVAL	CND	CONST & DEMO	7.01		
CENTRAL CONTRA COSTA SANITARY	73411	GRT	20.08	<i>- County</i>	
CHIP IT RECYCLING	CND	CONSTRUCTION & DEMO	22.86	<i>- Pittsburg</i>	
GSI OF CALIFORNIA, INC.	22278A	CONT SOIL	144.23		
HALL & KOBOLD LANDSCAPE SUPPLY	CND	CONSTRUCTION DEMO	8.04		
PENA HAULING	CND	CONSTRUCTION DEMO.	2.80		
PLEASANT HILL BAYSHORE	REB	RES. CONS & DEMO.	28.00		
RHODIA	235567A	POND SOLIDS	83.18	<i>No</i>	
Monthly Total:			322.81		
MARTINEZ Total:			851.35		18.44

144.23
- ~~28.24~~ *demo*
- 44.32 *others*
664.92 *frank*

30-Nov-99

Keller Canyon Special Waste Loads By Jurisdiction of Origin

Year: 1999

Quarter: 4

Jurisdiction of Origin Month	Company	Waste Code	Waste Type	Tons Landfilled	ADC Type	Tons ADC
	EXCEL ROOFING SERVICE	CND7	C&D UNDER 7 TONS	0.91		
	GSI OF CALIFORNIA, INC.	222778A	CONT SOIL	55.44 Y ✓		
	LEWIS & TIBBITTS	2680	DIRT TRENCH EXV	1,047.20 Y N/A		
	PARADISO MECHANICAL, INC.	2638	CONT. SOIL/CRUDE OIL	281.31 Y ✓		
	PENA HAULING	CND	CONSTRUCTION DEMO.	6.10		
		CND7	C&D UNDER 7 TONS	2.62		
	RHODIA	205305	POND SLUDGE (I)	92.24 Y N/A		
		235567A	CYINDER CONT. SOIL	115.28 Y N/A		
		235567A	POND SOLIDS (I)	18.30 Y N/A		
Monthly Total:				1,814.12		
Marlines Total:				7,083.76		

- 6007/3 dirt
459.
116,49

10-Apr-00

ATTACHMENT B141

In addition, many small downtown businesses use independent cardboard recyclers to handle their recycling but again this amount of recycling could not be quantified. Table 2 is a summary of the different materials recycled that were easy to quantify and the source of the information.

Table 2: Waste Diversion Summary by material type and source of information

Material	Tons	Source
Inerts (asphalt/concrete)	18,309	County Quarry, Chip-it
Mixed materials	3,719	Pleasant Hill Bayshore Disposal (residential & commercial)
All paper	2,651	Safeway, Costco, Many Hands, Inc., Nob Hill, & Homebase
Green Waste	1,921	CCL, Organics, MHBD, Davey Tree Service
Beverage Containers	201	Department of Conservation, Valley Waste Mgmt.
Food Waste	337	Safeway, Nob Hill, Costco
Rendering	60	Safeway
Other plastics	35	Safeway, Costco
Total diversion	27,233	

3.1 Inerts

In 1999, the largest amount of material diverted from the landfill from the City of Martinez was inerts, which is considered restricted waste by the CIWMB. The original SKRE did not include any diversion of inerts so for purposes of this study, the material is assumed to have been landfilled. The bulk of this material, which was taken to County Quarry (located in Martinez), was concrete and asphalt. To be able to count this restricted waste for the new base year, PRC Section 41781.2 must be followed and the City of Martinez must meet certain criteria. According to the guidelines, the City of Martinez can claim all this diversion because the program was implemented after 1990.

Although County Quarry has been in operation since 1986, their operations did not ramp up until 1991. The data for this study was obtained by going through 1999 records by project number and city. Most loads brought in are measured as either a bobtail, 10 yard dump, or a semi, which weigh approximately 6 tons/load, 12 tons/load, and 20 tons/load respectively.

According to the guidelines, there must be an action by the city to be able to claim the diversion. The City of Martinez has participated in strong education efforts to get construction contractors to recycle their debris. The City of Martinez has been a part of developing and distributing the Contra Costa County Recycling and Waste Reduction Guide for almost 10 years. This guide lists places to take a wide range of materials including dirt, asphalt and concrete.

In 1998, the Central Contra Costa Solid Waste Authority put together a countywide directory called the *Builder's Guide to Reuse and Recycling* to help contractors find places to take materials such as asphalt, concrete, dirt, wood and much more. The CCCSWA targeted all Contra Costa County builders, contractors, architects and subcontractors through advertising in CC Builders Guide, East Bay Chapter of America Institute of Architects, Tri Valley Biz Times, Blue Books' web site and others. Martinez supported these efforts by distributing the Guide, responding to hotline questions about alternative places to take materials, and directly contacting

Martinez
DID NOT SEND
MATERIAL to this
Facility until
1991.

EB 1/17/01

1999 New Base Year Calculation and Diversion Study for the City of Martinez

1.0 Introduction

The City of Martinez is located in Contra Costa County on the Carquinez Strait. Martinez has a mix of industry, government, large and small business and approximately 37,000 residents. Martinez has been host to the county seat since 1851 and many major industries such as Martinez Refining Company, Rhodia, and Tosco-Avon are located here.

The City of Martinez determined that this new generation study was appropriate since there are so many inaccuracies and inconsistencies with the 1992 base-year disposal quantity. There are many recycling and diversion activities happening in this city that were not quantified or recorded in the original base year including yard waste and inerts. This study attempts to rectify these inaccuracies.

As part of the ongoing effort to implement programs discussed in the original SRRE, the City of Martinez and the franchised hauler (Pittsburg Hill Bayshore Disposal-PHBD) implemented new residential yard waste and mixed paper recycling programs in July. The year 2000 will include additional new tons due to these new programs. The expected diversion for the new programs is approximately 5000 new tons.

2.0 Discussion of Waste Prevention Activities

Source Reduction or waste prevention is defined by the CIWMB as "any action that causes a net reduction in the generation of solid waste". With the assistance of documents by the California Integrated Waste Management Board and review of other cities' diversion study, the quantification of waste prevention activities was a bit easier. Residents, businesses, and the city departments of Martinez are very active in waste prevention. The activities that are counted towards diversion included grasscycling, use of cloth diapers, thrift shop resale and reuse, garage sales and pallet reuse. The qualitative programs include educating residents and business about making 2-sided copies, choosing reusable materials and products, and on-site composting. Table 1 below summarizes all the activities and associated tonnages.

Table 1: Total tons from Source Reduction Activities

Activity	Tons
Grasscycling	1,149
Thrift Stores	1,277
Garage Sales	182
Diaper Service	32
Pallet Reuse	800
Total tons:	3,440

EB 1/17/01

2.1 Waste Prevention by Residents of Martinez

Residents of Martinez participate in a variety of source reduction activities, which help to reduce the amount of waste going to the landfill. These activities include composting, grasscycling, and using reusable diapers, donating and buying at thrift and antique shops, and having garage sales.